

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

BELOW AVERAGE TEMPERATURES

Below average temperatures were recorded across the state this week, according to the Minnesota Agricultural Statistics Service. The statewide average temperature was 65 degrees, 3 degrees below normal. On Monday, August 13, the nationwide low temperature of 34 degrees was set in Hibbing.

Rainfall amounts of at least a quarter of an inch were received across the state. The rain will provide temporary relief from the dry conditions. Far northern counties continue to have surplus topsoil moisture. Statewide topsoil moisture conditions as of August 17th were rated 20% very short, 40% short, 32% adequate, and 8% surplus.

Corn in or past the milk stage is 90% as of Sunday, August 19th, compared with 94% last year and 85% for the 5-year average. Corn in the dough stage or beyond is 42%, compared with 57% last year and 46% for the 5-year average. Corn is 7% denting, compared to 19% last year and 14% for the 5-year average. Corn condition is rated 39% good to excellent, down 5 percentage point from last week's rating of 44%. The stress on the plants from dry conditions is becoming evident as reports of firing are being received.

Soybeans have set pods on 90% of the acres, the same as the 5-year average, but below last year's 97%. The stress from the hot and dry conditions earlier this month is reflected in the 8 point drop from last week, to 44%, for soybeans rated in good to excellent condition.

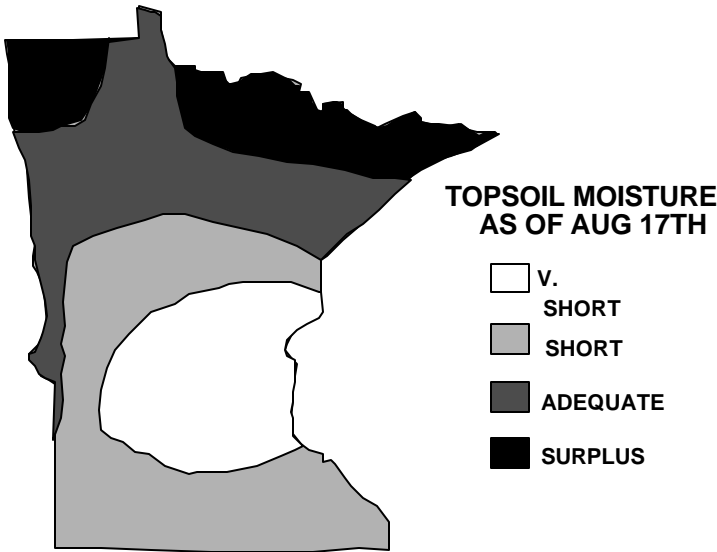
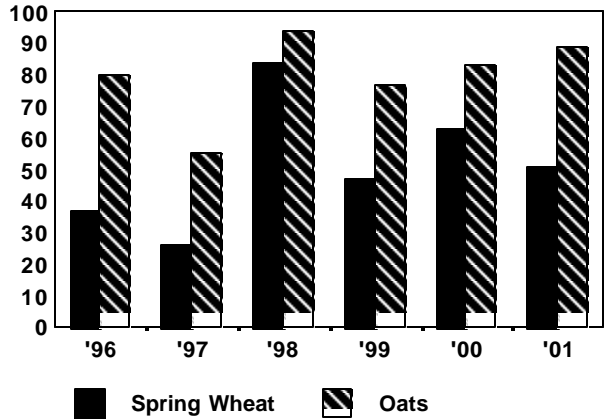
Pasture conditions are rated as 30% good to excellent, unchanged from last week.

Days Suitable for Fieldwork: 5.7					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		20	40	32	8
Crop Progress as of August 19, 2001					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Milk	85	94	65	90
	Dough	46	57	13	42
	Dent	14	19	NA	7
Soybeans	Setting Pods	90	97	66	90
Spring Wheat	Harvested	51	63	27	51
Oats	Harvested	78	83	68	89
Barley	Harvested	58	86	46	74
Winter Wheat	Harvested	90	89	78	97
Rye	Harvested	92	88	86	97
Sweet Corn	Harvested	40	40	24	45
Canola	Harvested	NA	18	7	9
Grain/Hay	Stubble Worked	20	31	10	24
Crop Condition as of August 17 th					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	13	22	35	28	2
Corn	4	14	43	35	4
Soybeans	4	12	40	39	5
Dry Beans	4	7	29	52	8
Potatoes	2	4	27	43	24
Sunflowers	1	7	25	55	12
Canola	4	8	47	36	5
Sugarbeets	9	11	30	37	13

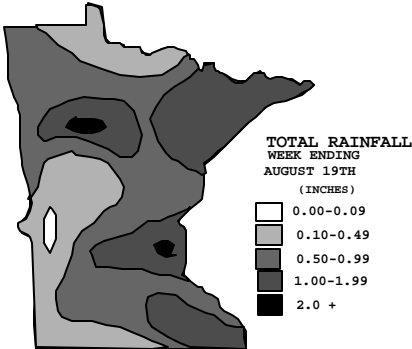
Spring wheat is 51% harvested, versus 63% harvested last year and 51% for the 5-year average. Winter wheat harvest is wrapping up with 97% complete. Harvest progress for oats is 89%, barley 74%.

Processors' sweet corn harvest is 45% complete, compared to 40% for both last year and the 5-year average.

SPRING WHEAT AND OATS HARVESTED
AS OF AUGUST 19TH, 1996-2001



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING AUGUST 19, 2001:
Temperatures averaged from 5.3 degrees below normal in the Southwest District to 0.7 degree below normal in the North Cental District. Extremes: 34° in Hibbing; 89° in Crookston. Precipitation averaged from 0.36 inch below normal in the West Central District to 0.76 inch above normal in the Northeast District. Greatest weekly total was 2.11 inches.



Precipitation and Temperature Summary for 08/13/2001 through 08/19/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	89	46	65.9	-2.4	.62	-.04	4.02	2.71	1657	45
Moorhead	87	45	66.4	-3.0	.78	.23	.38	1.77	1722	16
Warroad	76	47	63.0	-2.1	.17	-.41	2.60	8.38	1514	113
<u>NC DIST 2</u>										
Grand Rapids	86	45	66.0	1.4	.91	.10	.01m	2.65m	1405m	11m
Intl. Falls	80	41	62.6	-1.5	.20	-.49	3.89	7.45	1438	83
Itasca	83	46	63.6	-2.0	2.11	1.30	1.27	2.46	1532	107
<u>NE DIST 3</u>										
Duluth	81	47	63.5	-.5	1.39	.49	.18	4.38	1339	74
Grand Marais	71	48	59.0	-3.4	1.47	.75	1.91	7.02	761	-193
Hibbing	82	34	60.0	-3.1	1.86	1.05	.75	.11	1371	110
<u>WC DIST 4</u>										
Alexandria	82	46	66.5	-2.6	.42	-.39	-1.10	-2.44m	1693	-17
Browns Valley	87	45	66.0	-4.1	.47	-.10	1.09	4.27	1773	2
Canby	87	47	67.0	-4.5	.24	-.35	-2.03	4.30	1873	-32
Fergus Falls	85	50	67.4	-1.5	.23	-.46	-.92	3.84	1794	130
Montevideo	84	45	63.0	-6.9	.48	-.18	-1.48	3.88	1746	-69
Morris	83	45	65.6	-3.0	.06	-.69	-.98	4.52	1761	69
<u>CENT DIST 5</u>										
Becker	82	50	67.4	-.1	1.17	.25	-.53	2.04	1799	174
Hutchinson	85	51	68.0	-1.7	.74	-.10	-1.61	.89	1862	53
Olivia	84	45	65.7	-4.6	.75	-.03	-1.45	-.86	1803	-65
St. Cloud	83	44	66.0	-1.4	.68	-.25	-.79	2.91	1676	61
Staples	81	44	65.0	-1.7	.39	-.24	-.95	6.23	1603	77
Willmar	82	48	66.8	-2.7	1.04	.21	-.55	-.61	1804	28
<u>EC DIST 6</u>										
Aitkin	82	43	64.2	-1.9	.72	-.17	-1.09	3.06	1577	101
Cambridge	M	M	M	M	M	M	-1.19m	3.80m	1463m	-212m
MSP Airport	83	56	68.2	-2.6	1.38	.54	-1.18	5.97	1938	59
St. Paul - UofM	82	52	68.2	-3.4	2.05	1.19	.10	4.92	1936	0
<u>SW DIST 7</u>										
Lamberton	81	45	64.0	-5.6	.73	.13	.21	5.49	1796	-36
Pipestone	83	47	64.3	-4.9	.43	-.25	-.71	4.02	1795	60
Redwood Falls	85	50	66.0	-5.2	.78	.07	-1.77	-1.22	1830	-104
Worthington	82	48	63.9	-4.7	.37	-.63	-1.26	3.57	1838	82
<u>SC DIST 8</u>										
Faribault	83	50	65.2	-4.0	1.13	.22	1.23	4.29	1768	-3
Waseca	82	50	64.8	-3.8	1.53	.58	.46	4.66	1820	72
Winnebago	82	50	64.0	-5.3	.32	-.59	-2.12	2.19	1807	9
<u>SE DIST 9</u>										
Preston	88	48	65.0	-2.9	1.24	.32	-1.73	-.32	1749	89
Red Wing	81	53	65.8	-1.6	.66	-.23	-.92	-.04	1802	187
Rochester	76	49	62.5	-6.0	1.03	.16	-.72	6.76	1689	-20
Rosemount	85	52	66.4	-2.5	.99	.09	-1.59m	-.25m	1788	40
Winona	87	54	66.0	-3.5	.64	-.16	-1.12	1.91	1802	-11

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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